

# R&S® TSMA6

## Autonomous Mobile Network Scanner Supplement Image Stick



4900907602  
Version 01

**ROHDE & SCHWARZ**  
Make ideas real



4900.9076.02 | Version 01 | R&S®TSM A6

Throughout this manual, products from Rohde & Schwarz are indicated without the ® symbol , e.g. R&S®TSM A6 is indicated as R&S TSM A6.

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## 1 Usage of the R&S TSMA6 image stick

With the R&S TSMA6 image stick, you can capture images from and apply images to another R&S TSMA6.

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### 1.1 Create a R&S TSMA6 image stick



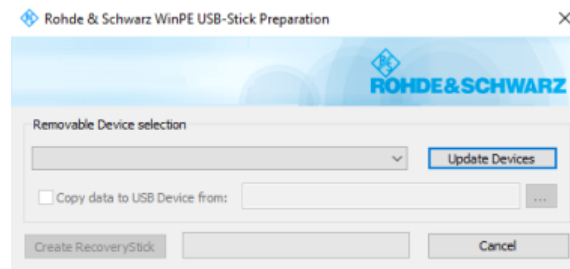
You need administrator rights on the PC, where you create the image stick.

To create a R&S TSMA6 image stick, proceed as follows.

Prerequisites:

- A bootable USB stick (USB 3.1 Gen1) with a capacity of at least 64 GB. Make sure that the data on the USB stick is no longer needed as it will be formatted during process of R&S TSMA6 image stick creation.
  - Download the "R&S TSMA6 Image Stick" (TSMA6\_ImageStick-v<x.y>.zip) tool ([www.rohde-schwarz.com/software/tsma6](http://www.rohde-schwarz.com/software/tsma6)).
  - On a PC, unzip the file TSMA6\_ImageStick-v<x.y>.zip to a directory of your own choice. The extracted directory contains the PrepareWinPEStick.exe file.
1. Insert the USB stick into a free USB3.1 port of a PC.
  2. Execute the PrepareWinPEStick.exe file in the directory, where you have saved the file.

3. Select the USB stick via the "Removable Device Selection" drop-down box.



4. Press "Create RecoveryStick".

In the main directory of the image stick, following directories and files are created automatically:

- /Boot
- /Device
- /EFI
- /sources
- bootmgr
- bootmgr.efi

When the creation of the image stick has finished, you can boot the R&S TSM A6 from this stick.

## 1.2 Boot from the R&S TSM A6 image stick

To boot from the R&S TSM A6 image stick, proceed as follows.

1. Connect mouse, keyboard and monitor to the R&S TSM A6.
2. Insert the created R&S TSM A6 image stick (see [Chapter 1.1, "Create a R&S TSM A6 image stick"](#), on page 3) into a free USB 3.0 port on the R&S TSM A6.
3. Power on the R&S TSM A6.
4. During boot up, press [F10] to enter the boot menu.
5. Select the R&S TSM A6 image stick from the list of boot devices and press <Enter>.

The Windows PE environment starts.

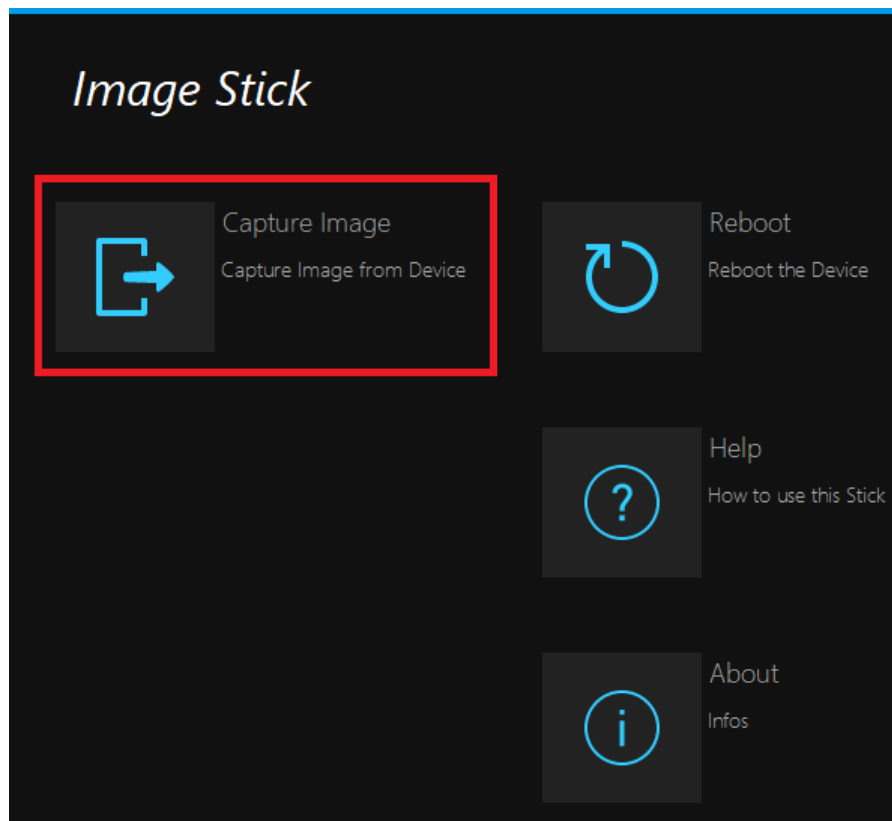
## 1.3 Capture an image from a R&S TSM A6

To capture an image from a R&S TSM A6, proceed as follows:

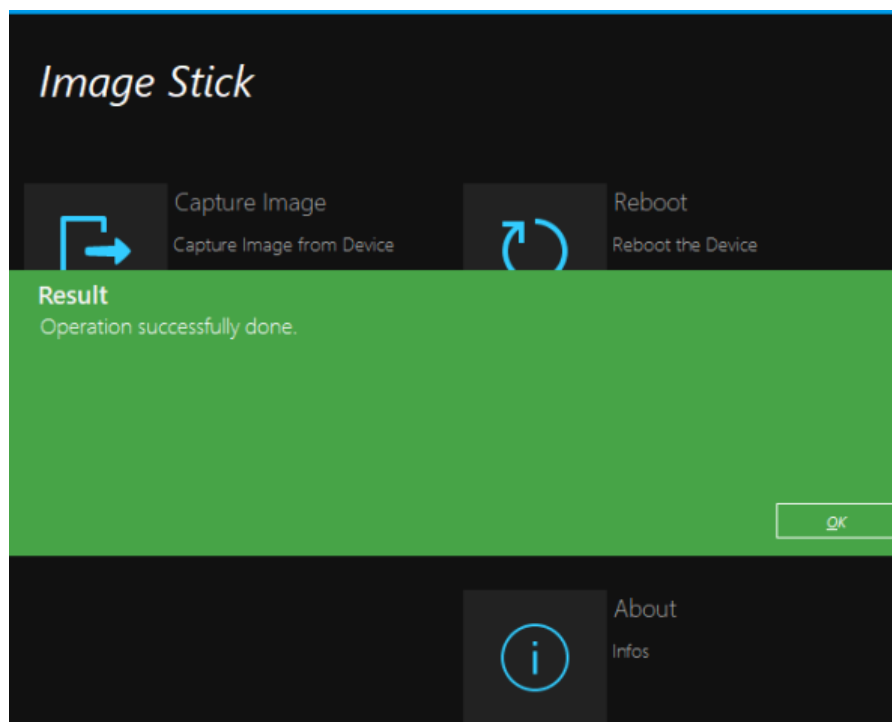
**NOTE:** No image files may be present on the R&S TSMA6 image stick in the directory `Device/Images`. Otherwise, capturing the image from a R&S TSMA6 master device is not possible.

1. Boot from the R&S TSMA6 master device via image stick (see [Chapter 1.2, "Boot from the R&S TSMA6 image stick"](#), on page 4).
2. In the main menu, press "Capture Image".

The capture process starts automatically and the image files of the R&S TSMA6 master device are saved on the R&S TSMA6 image stick.



3. After the capture process has finished, the message "Operation successfully done." appears.



4. Press "OK".
5. Remove the R&S TSM A6 image stick.  
The R&S TSM A6 image stick now contains the image files (`/Device/Images`).
6. Press "Reboot".  
The R&S TSM A6 reboots normally in the previously selected mode of operation.



The image files, which are available on the R&S TSM A6 image stick in the directory (`/Device/Images`) can be saved manually on a PC. So, the image files can be used to be applied on more than one device.

## 1.4 Apply an image to a R&S TSM A6

To apply an image to a R&S TSM A6, the following files must be available in the directory `Device/Images` on the R&S TSM A6 image stick.

- `BACKUP.wim`
- `Data.wim`
- `RECOVERY.wim`
- `SYSTEM.wim`

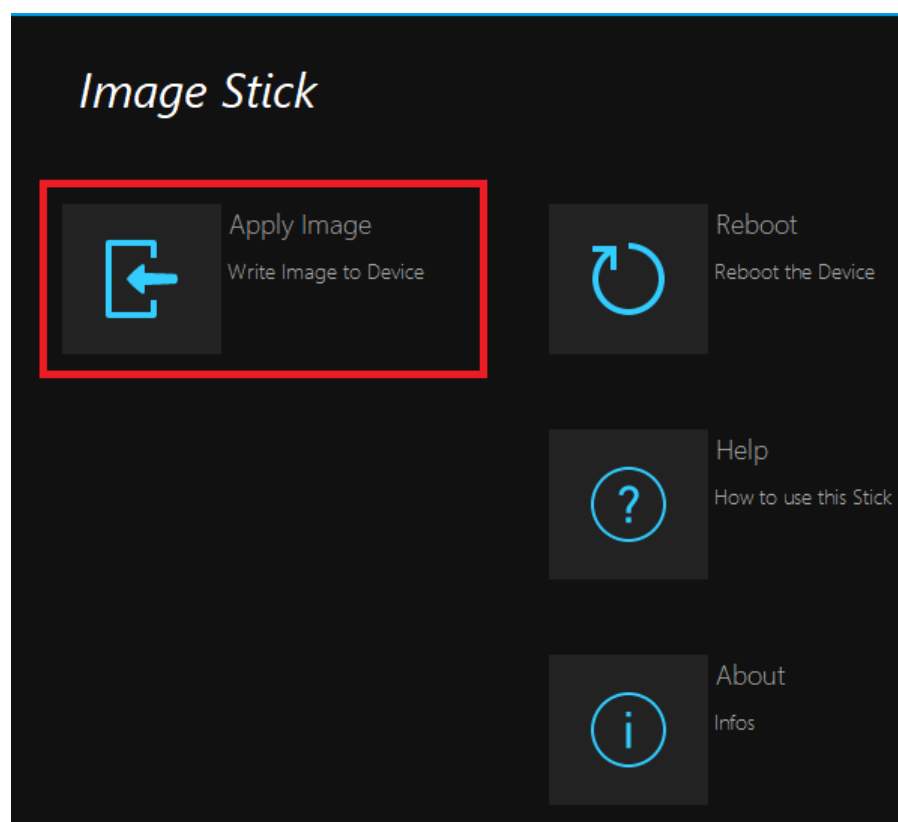


These files can be copied manually from a PC to the image stick or are the result of capturing an image (see [Chapter 1.3, "Capture an image from a R&S TSM A6"](#), on page 4).

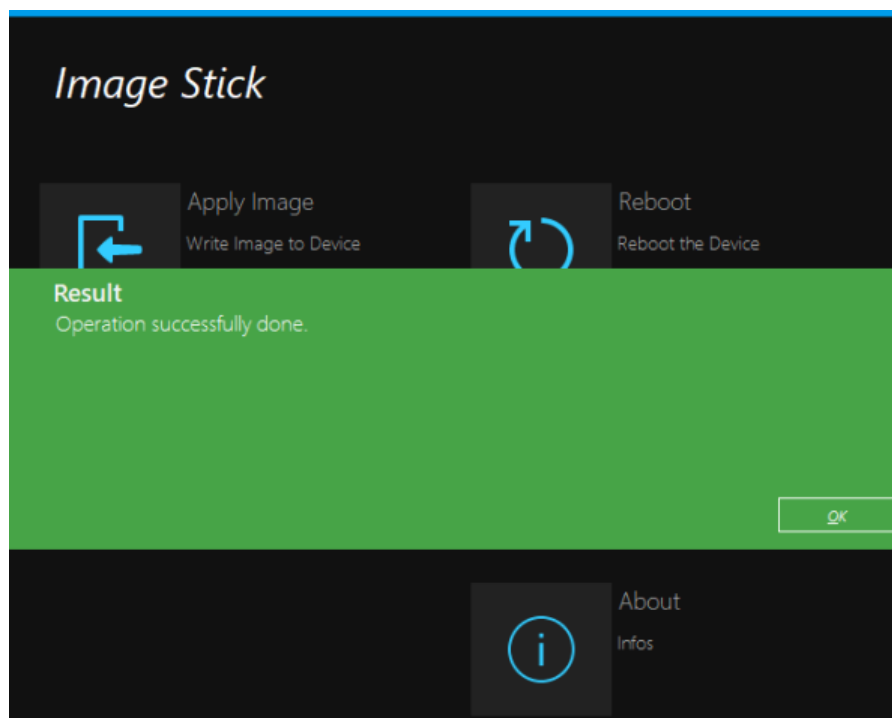
To apply an image to a R&S TSM A6, proceed as follows:

1. Boot the R&S TSM A6 image stick from the target device (see [Chapter 1.2, "Boot from the R&S TSM A6 image stick"](#), on page 4).
2. In the main menu, press "Apply Image".

The apply process starts automatically. The image files from the R&S TSM A6 master device are transferred to the R&S TSM A6 target device.



3. After the apply process has finished, the message "Operation successfully done." appears.



4. Press "OK".
5. Remove the R&S TSMA6 image stick.
6. Press "Reboot".  
The R&S TSMA6 reboots from the deployed image.

## 2 Contacting customer support

### Technical support – where and when you need it

For quick, expert help with any Rohde & Schwarz product, contact our customer support center. A team of highly qualified engineers provides support and works with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz products.

### Contact information

Contact our customer support center at [www.rohde-schwarz.com/support](http://www.rohde-schwarz.com/support), or follow this QR code:





*Figure 2-1: QR code to the Rohde & Schwarz support page*

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